



SILVERBROOK RESEARCH Pty Ltd

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Email: info@silverbrookresearch.com

ACN 066 573 671

June 14, 2005

Commissioner of Patents and Trademarks

Mail Stop Petition

WASHINGTON DC 20231

USA

Attn: Darrell C Cottman

Dear Sirs,

United States Patent Application Serial No. 10/510,154

Inventors/Assignors: KIA SILVERBROOK

Assignee: SILVERBROOK RESEARCH PTY LTD

Our docket: YU174US

We hereby petition to WITHDRAW HOLDING OF ABANDONMENT (in reply to Notification of Abandonment).

The Notice of Insufficient Basic National Fee Required mailed May 24, 2005, states that the Applicant has failed to provide the full U.S. Basic National Fee by 30 months (37 CFR 1.495(b)(2)). The Applicant submits that a cheque in the amount of US\$ 1,080.00 was remitted to the USPTO.

The enclosed Declaration of my Patent Administrator, Leonie Frances News, confirms that the payment for the full U.S. Basic National Fee was included with the filing papers dated August 31, 2004.

We look forward to receiving favourable consideration of our petition in the near future.

Thank you for your assistance.

Yours faithfully

Kia Silverbrook

Silverbrook Research Pty Ltd

Encl. Declaration

Copy of filing papers

BEST AVAILABLE COPY



Commonwealth of Australia
Statutory Declarations Act 1959

STATUTORY DECLARATION

In the Matter of US Patent
Application No. 10/510,154
In the Name of Kia Silverbrook

I, LEONIE FRANCES NEWS of 393 Darling Street, Balmain, New South Wales, 2041, Australia do solemnly and sincerely declare as follows:

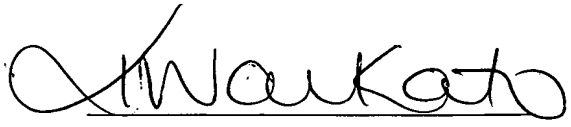
1. I am the Patent Administrator of Silverbrook Research Pty Ltd and have held this position since 1 September 1999.
2. I have responsibility for maintaining the file records of all applications filed at the United States Patent and Trademark Office ("USPTO") of Kia Silverbrook and Silverbrook Research Pty Ltd, including US Patent Application No. 10/510,154 ("*The Patent Application*").
3. I have searched through my file of the Patent Application and confirm that cheque No. 114364625 marked as Exhibit LFN-1 in the amount of US\$ 1,080.00 was sent to the USPTO along with the filing papers dated August 31, 2004, marked as Exhibit LFN-2.

And I make this solemn declaration aware of the penalties for false declarations under section 11 of the Statutory Declarations Act 1959 (Cwth of Australia).

Declared at Balmain Court House)
Balmain, NSW, Australia)
This 20 day of June 2005)
by Leonie Frances News)


Leonie Frances News

Before me:


Justice of the Peace
Of New South Wales





UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO.

10/510,154

FIRST NAMED APPLICANT

Kia Silverbrook

ATTY. DOCKET NO.

YU174US

INTERNATIONAL APPLICATION NO.

PCT/AU02/01169

I.A. FILING DATE

08/29/2002

PRIORITY DATE

04/12/2002

24011

SILVERBROOK RESEARCH PTY LTD
 393 DARLING STREET
 BALMAIN, 2041
 AUSTRALIA

CONFIRMATION NO. 6664

371
 ABANDONMENT/TERMINATION
 LETTER



OC000000016106587

Date Mailed: 05/24/2005

NOTIFICATION OF ABANDONMENT

The United States Patent and Trademark Office in its capacity as a Designated / Elected Office (37 CFR 1.495) has made the following determination:

- Applicant has failed to provide the full U.S. Basic National Fee by 30 months (37 CFR 1.495(b)(2)).

Therefore, the above identified application failed to meet the requirements of 35 U.S.C. 371 and 37 CFR 1.495, and is ABANDONED AS TO THE UNITED STATES OF AMERICA.

DARRELL C COTTMAN

Telephone: (703) 308-9140 EXT 203

PART 3 - OFFICE COPY

FORM PCT/DO/EO/909 (371 Abandonment Notice)

LFN-1

BEST AVAILABLE COPY

Commonwealth Bank

Commonwealth Bank of Australia
ABN 48 123 123 124

NOT OVER*1,080*DOLLARS

Branch BALMAIN LAN2 NSW

On Demand Pay to the Order of COMMISSIONER FOR PATENTS

The sum of ONE THOUSAND, EIGHTY DOLLARS*****

*****USD ***1,080.00*****

To BANK OF AMERICA NA
NEW YORK, NY

For Commonwealth Bank of Australia
ABN 48 123 123 124

[Signature]

Manager

[Signature]

Accountant

THIS DRAFT CONTAINS A WATERMARK OF A PADLOCK AND KEY

⑈ 4364625⑈ ⑆06600768⑆ 6550101810⑈

114364625

Date 30 September 2004

United States Currency

LFN-2

YU174US

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO.
PCT/AU02/01169INTERNATIONAL FILING DATE
29 August 2002PRIORITY DATE CLAIMED
12 April 2002TITLE OF INVENTION DISCRETE AIR AND NOZZLE CHAMBERS IN A PRINTHEAD CHIP FOR AN INKJET
PRINTHEAD

APPLICANT(S) FOR DO/EO/US KIA SILVERBROOK

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A **FIRST** preliminary amendment.
14. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☐ Other items or information:

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO. PCT/AU02/01169	ATTORNEY'S DOCKET NUMBER YU174US
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<p>21. <input checked="" type="checkbox"/> The following fees are submitted:</p> <p>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1040.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$890.00</p> <p>International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$740.00</p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$710.00</p> <p>International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00</p> <p style="text-align: right;">ENTER APPROPRIATE BASIC FEE AMOUNT =</p> <p>Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">CLAIMS</th> <th style="width: 20%;">NUMBER FILED</th> <th style="width: 20%;">NUMBER EXTRA</th> <th style="width: 20%;">RATE</th> <th style="width: 20%;">\$</th> </tr> <tr> <td>Total claims</td> <td>- 20 =</td> <td></td> <td>x \$18.00</td> <td>\$</td> </tr> <tr> <td>Independent claims</td> <td>- 3 =</td> <td></td> <td>x \$84.00</td> <td>\$</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$280.00</td> <td>\$</td> </tr> <tr> <td colspan="4" style="text-align: right;">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$ 1,040.00</td> </tr> </table> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. +</p> <p style="text-align: right;">SUBTOTAL = \$</p> <p>Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). \$</p> <p style="text-align: right;">TOTAL NATIONAL FEE = \$</p> <p>Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + \$ 40.00</p> <p style="text-align: right;">TOTAL FEES ENCLOSED = \$ 1,080.00</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;"></td> <td style="width: 20%;">Amount to be refunded:</td> <td style="width: 10%;">\$</td> </tr> <tr> <td></td> <td>charged:</td> <td>\$</td> </tr> </table>	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	Total claims	- 20 =		x \$18.00	\$	Independent claims	- 3 =		x \$84.00	\$	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$280.00	\$	TOTAL OF ABOVE CALCULATIONS =				\$ 1,040.00		Amount to be refunded:	\$		charged:	\$	CALCULATIONS PTO USE ONLY
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$																												
Total claims	- 20 =		x \$18.00	\$																												
Independent claims	- 3 =		x \$84.00	\$																												
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$280.00	\$																												
TOTAL OF ABOVE CALCULATIONS =				\$ 1,040.00																												
	Amount to be refunded:	\$																														
	charged:	\$																														

a. ☒ A check in the amount of \$ 1,080.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
 A duplicate copy of this sheet is enclosed.

c. ☐ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any
 overpayment to Deposit Account No. _____. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card
 information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR
 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO: Mr K Silverbrook Managing Director Silverbrook Research Pty Ltd 393 Darling Street Balmain, NSW 2041 AUSTRALIA email: kia.silverbrook@silverbrookresearch.com	<div style="text-align: center;"> _____ SIGNATURE </div> <div style="text-align: center;"> _____ NAME </div> <div style="text-align: center;"> _____ REGISTRATION NUMBER </div>
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Substitute for form 1449A/PTO

(use as many sheets as necessary)

Sheet 1 of 8

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Kia Silverbrook
Art Unit	
Examiner Name	
Attorney Docket Number	YU174US NP

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. 1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code 3 - Number 4 - Kind Code 5 (if known)				
		EP 0 713 774 *	05.29.1996	Sharp Kabushiki Kaisha		
		DE 195 16 997 *	11.16.1995	Sharp K.K		
		DE 196 23 620 *	12.19.1996	Sharp K.K		
		JP 2-108544 (Abstract) *	04.20.1990	Seiko Epson Corp		
		JP 2-92643 (Abstract) *	04.03.1990	Seiko Epson Corp		
		JP 4-353458 (Abstract) *	12.08.1992	Brother Ind Ltd		
		JP 6-91865 (Abstract) *	04.05.1994	Seikosha Co Ltd		
		JP 6-91866 (Abstract) *	04.05.1994	Seikosha Co Ltd		
		JP 2-265752 (Abstract) *	10.30.1990	Matsushita Electronic Ind Co Ltd		
		EP 0 634 273 *	01.18.1995	Sharp Kabushiki Kaisha		

Examiner Signature		Date Considered
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1 Applicant's unique citation designation number (optional). 2 See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

* Copies not attached as previously submitted to or cited by the USPTO in parent patent nos US 6,416,167 and US 6,582,059

Substitute for form 1449A/PTO

(use as many sheets as necessary)

Sheet 2 of 8

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Kia Silverbrook
Art Unit	
Examiner Name	
Attorney Docket Number	YU174US NP

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. 1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code 3 - Number 4 - Kind Code 5 (if known)				
		DE 195 32 913 *	03.28.1996	Sharp K.K		
		JP 58 112747 (Abstract) *	07.05.1983	Fujitsu KK		
		DE 43 28 433 *	03.02.1995	Heidleberger Druckmaschinen AG		
		JP 61 025849 (Abstract) *	02.04.1986	Canon Inc		
		JP 01 128839 (Abstract) *	05.22.1989	Ricoh Co Ltd		
		JP 04 126255 (Abstract) *	04.27.1992	Seiko Epson Corp		
		GB 2 262 152 *	06.09.1993	Willeit Int Ltd		
		DE 195 16 997 *	11.16.1995	Sharp K.K		
		JP 05 318724 (Abstract) *	12.03.1993	Seikosha Co Ltd		

**Examiner
Signature**

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO

(use as many sheets as necessary)

Sheet 3 of 8

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Kia Silverbrook
Art Unit	
Examiner Name	
Attorney Docket Number	YU174US NP

[illegible]

FOREIGN PATENT DOCUMENTS						
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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		JP 02 162049 (Abstract) *	06.21.1990	Seiko Epson Corp		
		DE 32 45 283 *	06.07.1984	Siemens AG		
		JP 04 368851 (Abstract) *	12.21.1992	Seiko Epson Corp		
		JP 02 158348 (Abstract) *	06.18.1990	Minolta Camera Co Ltd		
		JP 03 112662 (Abstract) *	05.14.1991	Seiko Epson Corp		
		JP 03 653348 (Abstract) *	03.20.1991	Matsushita Electric Ind Co		
		EP 0 431 338 *	06.12.1991	Matsushita Electric Ind Co		
		JP 01 257058 *	10.13.1989	Seiko Epson Corp		
		DE 195 17 969 *	11.30.1995	Sharp K.K.		

Examiner Signature		Date Considered
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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO

(use as many sheets as necessary)

Sheet 4 of 8

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Kia Silverbrook
Art Unit	
Examiner Name	
Attorney Docket Number	YU174US NP

[illegible]

FOREIGN PATENT DOCUMENTS						
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		Country Code ³ - Number ⁴ - Kind Code ⁵ (If known)				
		DE 196 39 717 *	04.17.1997	Sharp K.K		
		EP 0 737 580 *	10.16.1996	Canon K.K		
		EP 0 882 590 *	12.09.1998	Canon K.K		
		EP 0 478 956 *	04.08.1992	Kernforschungs- und Versuchsanstalt Karlsruhe GmbH		
		DE 1 648 322 *	03.24.1971	VDO Tachometerwerke GmbH		
		GB 1 428 239 *	03.17.1976	Cibie Projecteurs		
		DE 39 34 280 *	04.26.1990	CAE di Cipelletti Alberto		
		DE 29 05 063 *	08.14.1980	Olympia Werke AG		
		WO 94 18010 *	08.18.1994	Domino Printing Sciences PLC		

**Examiner
Signature**

Date Considered

1 Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO

(use as many sheets as necessary)

Sheet 5 of 8

Application Number	
Filing Date	
First Named Inventor	Kia Silverbrook
Art Unit	
Examiner Name	
Attorney Docket Number	YU174US NP

[illegible]

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		EP 0 398 031 *	11.22.1990	Seiko Epson Corp		
		EP 0 427 291 *	05.15.1991	Seiko Epson Corp		
		JP 01 115639 (Abstract) *	05.08.1989	Ricoh Co Ltd		
		JP 58 116165 (Abstract) *	07.11.1983	Canon K.K		
		EP 0 627 314 *	12.07.1994	Olivetti Canon Ind	SPA	
		JP 61 268453 (Abstract) *	11.27.1986	Olympus Optical Co Ltd		
		JP 04 118241 (Abstract) *	04.20.1992	Seiko Epson Corp		
		EP 0 506 232 *	09.30.1992	Videojet Systems	Int, Inc	
		JP 07 314665 (Abstract) *	12.05.1995	Canon Inc		
		JP 03 180350 *	08.06.1991	Seiko Epson Corp		

Date
Considered

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

PLEASE NOTE -

* Copies not attached as previously submitted to or cited by the USPTO in parent patent nos US 6,416,167 and US 6,582,059

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete If Known	
				Application Number	
				Filing Date	
				First Named Inventor	Kia Silverbrook
				Art Unit	
				Examiner Name	
Sheet	6	of	8	Attorney Docket Number	YU174US NP

[illegible]

FOREIGN PATENT DOCUMENTS						
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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		WO 97 12689 *	04.10.1997	The Board of Trustees of the Leland Stanford University		
		JP 02 050841 (Abstract) *	02.20.1990	Seiko Epson Corp		
		EP 0 510 648 *	10.28.1992	Ivri Yehuda		
		JP 05 28765 (Abstract) *	10.29.1993	Canon Inc		
		JP 04 141429 (Abstract) *	05.14.1992	Seiko Epson Corp		
		JP 01 105746 (Abstract) *	04.24.1989	Ricoh Co. Ltd		
		GB 792 145 *	03.19.1958	Technograph Printed Circuits Ltd		
		EP 0 750 993 *	01.02.1997	Canon K.K.		

Examiner Signature		Date Considered	
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				Application Number	
				Filing Date	
				First Named Inventor	Kia Silverbrook
				Art Unit	
				Examiner Name	
Sheet	7	of	8	Attorney Docket Number	YU174US NP

[illegible]

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. 1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code 3 -Number 4 - Kind Code 5 (if known)			
		JP 01 306254 (Abstract)	12.11.1989	Seiko Epson Corp.	
		EP 0 092 229	10.26.1983	Siemens AG	
		DE 37 16 996	12.08.1988	VDO Schindling	
		DE 34 30 155	02.27.1986	Siemens AG	
		FR 2 231 076	12.20.1974	Electricite De France	
		WO 00/23279 *	Apr 27, 2000	Silverbrook	
		WO 01/89839 *	Nov 29, 2001	Silverbrook	

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		NOWOROLSKI, J. MARK et al, "Process for in-plane and out-of-plane single-crystal-silicon thermal microactuators". Sensors and Actuators, A, CH, Elsevier-Sequence S.A., Lausanne, Vol 55, no. 1, 15 July 1996, pp 65-69, XP004077979 ISSN: 0924-4247.	
		ATAKA, MANABU et al, "Fabrication and Operation of Polyimide Bimorph Actuators for Ciliary Motion System". Journal of Microelectromechanical Systems, US, IEEE Inc. New York, Vol. 2, no. 4, 1 December 1993, pp 146-150, XP000443412, ISSN: 1057-7157.	
		YAMAGATA, YUTAKA et al. "A Micro Mobile Mechanism Using Thermal Expansion and its Theoretical Analysis". Proceeding of the workshop on micro electro mechanical systems (MEMS), US, New York, IEEE, Vol. Workshop 7, 25 January 1994, pp 142-147, XP000628408, ISBN: 0-7803-1834-X.	
		Derwent Abstract Accession No. 2001-020348/03, Class P75; T01, JP 2000-293335 A (SEIKO-EPSON CORPORATION) 20 October 2000.*	
		Derwent Abstract Accession No. 98-081618/08, Class W02, JP 09-314915 A (CANON KABUSHIKI KAISHA) 9 December 1997.*	

Examiner Signature	Date Considered
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DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Declaration
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Filing

OR

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Submitted after Initial
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(37 CFR 1.16 (e))
required)

Attorney Docket Number

YU174US

First Named Inventor

Kia SILVERBROOK

COMPLETE IF KNOWN

Application Number

Filing Date

Art Unit

Examiner Name

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DISCRETE AIR AND NOZZLE CHAMBERS IN A PRINTHEAD CHIP FOR AN
INKJET PRINTHEAD

(Title of the Invention)

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

August 29, 2002

as United States Application Number or PCT International

Application Number

PCT/AU02/01169

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
10/120,346	US	04/12/2002	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

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Docket No: YU174US

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NAME OF SOLE OR FIRST INVENTOR :

☐ A petition has been filed for this unsigned inventorGiven Name
(first and middle [if any])

Kia

Family Name
or Surname

SILVERBROOK

Inventor's
Signature

Date August 31, 2004

Residence: City

Balmain

State

NSW

Country

Australia

Citizenship

Australian

Mailing Address

393 Darling Street

City

Balmain

State

NSW

ZIP

2041

Country

Australia

NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned inventorGiven Name
(first and middle [if any])Family Name
or SurnameInventor's
Signature

Date

Residence: City

State

Country

Citizenship

Mailing Address

City

State

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Country

☐ Additional inventors are being named on the ____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

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Page 2

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Correspondent Name and Address

Country, Area Code and Telephone Number **61-2-9818-6633**

Name **Kia Silverbrook**

Address (line 1) **Silverbrook Research Pty Ltd**

Address (line 2) **393 Darling Street**

Address (line 3) **Balmain, NSW 2041**

Address (line 4) **Australia**

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Kia Silverbrook

Name of Person Signing



Signature

August 31, 2004

Date

ASSIGNMENT OF APPLICATION

Docket Number (Optional)

YU174US

Whereas, I, KIA SILVERBROOK of 393 Darling Street
Balmain, NSW 2041, Australia, hereafter
referred to as applicant, have invented certain new and useful improvements in
DISCRETE AIR AND NOZZLE CHAMBERS IN A PRINTHEAD CHIP FOR AN INKJET PRINTHEAD

☐ for which an application for a United States Patent was filed on _____,
Application Number _____.

☒ for which an application for a United States Patent was executed on August 31, 2004, and

Whereas, SILVERBROOK RESEARCH PTY LTD of Balmain, New South Wales, Australia herein referred to
"assignee" whose post office address is 393 Darling Street, Balmain, NSW 2041, Australia is de-
sirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is ac-
knowledgeed, and other good and valuable consideration, I, the applicant, by these presents do sell, assign
and transfer unto said assignee the full and exclusive right to the said invention in the United States/and the
entire right, title and interest in and to any and all Patents which may be granted therefor in the United States/
I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States
Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof;
and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may
be granted, as fully and entirely as the same would have been held by me had this assignment and sale not
been made.

Executed this 31st day of August, ~~19~~ 2004,
at Balmain, NSW, Australia

(Signature)

State of _____) SS:
County of _____)

Before me personally appeared said _____
and acknowledged the foregoing instrument to be his free act and deed this _____
day of _____, 19____.

Seal

(Notary Public)

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